

FIG. 1

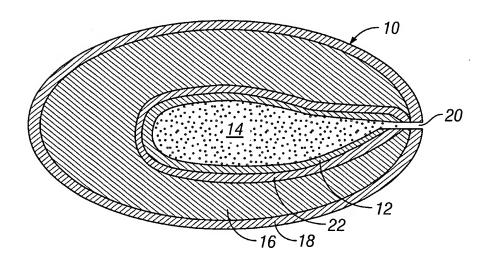


FIG. 2

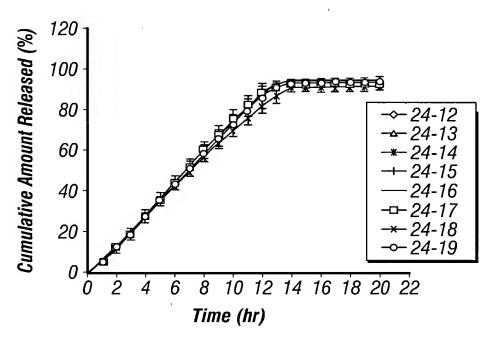


FIG. 3

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(%) X3		DRY	WET	I NET	DRY	DRY	WET	WET	DRY
EFFICIENCY (%)		11	85	. 28	8/	90	06	68	81
PATTERN AIR VOL	(SLPM).	40	40	04	04	04	04	04	40
1LOMIZATION AIR VOL	(NIJTS)	100	100	100	100	100	100	100	100
GUN-TO-BED DISTANCE	(INCH)	5	5	5	2	2	5	5	5
PAN SPEED PAN AIR VOL PAN EXHAUST PRESSURE GUN-TO-BED DISTANCE ALOMIZATION AIR VOL PATTERN AIR VOL		1-	1-	1-	-1	-1	-1	-1	1-
PAW AIR VOL	(CFM)	300-330	320-330	340-350	340-350	310-320	330-350	340-345	340-350
PAN SPEED	(RPM)	10	10	10	10	10	10	10	10
SPRAY RATE	(C/MIN/CUN)	45	20	45	40	45	20	45	40
OUTLET TEMP	V(5) (0) (0)	35-36	32-34	34-36	35-37	33-34	32-35	34-35	36-37
INLET TEMP	(0)	52-54	52-53	52-54	53-55	53-54	51-55	52-53	52-54
FORMULATION		1	1	2	2	3 .	3	4	4
		24-12	24-13	24-14	24-15	24-16	24-17	24-18	24-19

F/G. 4

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TING RUN	FORMULATION					COATING CONDITION	% COATING EFFICIENCY	% SYSTEM	% SYSTEM CRACKED
	NACMC(%)	NATROSOL(%)	NACL(%)	WATER(%)	ETHANOL(%)		(OSMOTIC COATING)	OSMOTIC COATED	CA MEMBRANE COATED
24_12	4.9	3	8.1	62.7	51.3	AHO	11	0.00	0.00
24_13	4.9	3	8.1	62.7	51.3	L∃M	78	0.19	1.98
24_14	1.4	5	6.9	62.7	21.3	LEM	28	0.00	00.00
24_15	4.1	5	6.9	62.7	51.3	AHO	8/	0.00	00.00
24_16	4.9	3	8.1	65.3	18.7	ABO	08	0.00	0.12
4 17	4.9	3	8.1	65.3	18.7	13M	06	0.14	4.95
18	4.1	9	6.9	65.3	18.7	LEM	68	0.00	00.00
4_19	17	5	8.9	65.3	18.7	<i>NHO</i>	18	0.00	00'0

FIG. 5